



PATENT
Attorney Docket No. ASC-058A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Leitz *et al.* CONFIRMATION NO.: 9702

SERIAL NUMBER: 10/647,074 ART UNIT: 2812

FILING DATE: August 22, 2003 EXAMINER: Not Yet Assigned

TITLE: Semiconductor Heterostructures and Related Methods

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98 (a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed before the mailing of the first Office action on the merits. Applicants believe no fees are due for this paper to be entered and considered, but the Commissioner is hereby authorized to charge Deposit Account No. 20-0531 for any required fees that may be due.

Respectfully submitted,

Mark L. Borodov
Attorney for Applicants
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Date: September 22, 2004
Reg. No. 50,773

Tel. No.: (617) 248-7453
Fax No.: (617) 248-7100

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TFL

SEP 24 2004

**TRANSMITTAL
FORM**

Application Serial Number	10/647,074
Filing Date	August 22, 2003
First Named Inventor	Leitz
Group Art Unit	2812
Examiner Name	Not Yet Assigned
Attorney Docket No.	ASC-058A
Patent No.	Not Applicable
Issue Date	Not Applicable

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form 	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <ul style="list-style-type: none"> <input type="checkbox"/> Formal Drawing(s) 	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] 	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) 	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Terminal Disclaimer <ul style="list-style-type: none"> <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application 	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <ul style="list-style-type: none"> <input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (B52-B55 and C136-C138) 	<input type="checkbox"/> Small Entity Statement <ul style="list-style-type: none"> <input type="checkbox"/> CD(s) for large table or computer program 	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance <ul style="list-style-type: none"> <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate) 	
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above 		

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Date: September 22, 2004
 Reg. No. 50,773
 Tel. No.: (617) 248-7453
 Fax No.: (617) 248-7100


 Mark L. Beloborodov
 Attorney for Applicants
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110



SHEET 1 OF 1

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: ASC-058A

APPLICANTS: Leitz *et al.*

SERIAL NO.: 10/647,074

FILING DATE: August 22, 2003

GROUP: 2812

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B52	02/13262	02/14/2002	WO				N	Y
	B53	03/105189	12/18/2003	WO				N	Y
	B54	0 353 423	02/07/1990	EP				N	Y
	B55	1 014 431	06/28/2000	EP				N	N

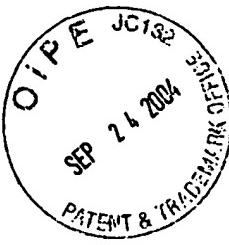
OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C136	International Search Report for International Patent Application No. PCT/US03/26467, dated July 13, 2004, 3 pages.
	C137	Luo <i>et al.</i> , "Compliant effect of low-temperature Si buffer for SiGe growth," <u>Applied Physics Letters</u> , 78(4):454-456 (2001).
	C138	Vyatkin <i>et al.</i> , "Study of Strain Relaxation in Epitaxial Structure GE _{0.2} Si _{0.8} /SI At Thermo-Implantation Treatment by Ion Beam Channeling," <u>Mat. Res. Soc. Symp. Proc.</u> , 585:183-189 (2000).

EXAMINER

DATE CONSIDERED

3121278-1



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APPLICANTS: Leitz *et al.*

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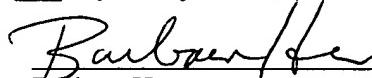
FILING DATE: August 22, 2003

EXAMINER: Not Yet Assigned

TITLE: Semiconductor Heterostructures and Related Methods

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 22 day of September, 2004.


Barbara Henry

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 pg.);
2. Supplemental Information Disclosure Statement (1 pg.);
3. Form PTO-1449 (1 pg.);
4. Copies of cited references B52-B55 and C136-C138; and
5. Return receipt postcard.